

FORM PTO-1390
(REV. 01-2003)

US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE

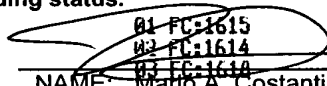
ATTORNEY'S DOCKET NUMBER
128834**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
10/587,254INTERNATIONAL APPLICATION NO.
PCT/JP2005/000406INTERNATIONAL FILING DATE
January 14, 2005PRIORITY DATE CLAIMED
January 27, 2004TITLE OF INVENTION
OPTICAL SYSTEM, EXPOSURE SYSTEM, AND EXPOSURE METHODAPPLICANT(S) FOR DO/EO/US
Yasuhiro OMURA

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
 - c. ☐ The International Application was filed in English.
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☒ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Response to Notification of Missing Requirements with Check #193239 (\$6,380)

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 10/587,254		INTERNATIONAL APPLICATION NO. PCT/JP2005/000406		ATTORNEY'S DOCKET NUMBER 128834	
21. <input checked="" type="checkbox"/> The following fees are submitted:				CALCULATIONS PTO USE ONLY	
BASIC NATIONAL FEE (37 CFR 1.492(a)):				\$ 300.00	\$
SEARCH FEE (37 CFR 1.492(b)(1)-(3)):					\$
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase				\$ 0.00	
International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA				\$ 100.00	
International search report provided to USPTO no later than the time at which the search fee is paid				\$ 400.00	
All situations not provided for above				\$ 500.00	
EXAMINATION FEE (37 CFR 1.492(c)(1)-(2)):					\$
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase				\$ 0.00	
All situations not provided for above				\$ 200.00	
Surcharge of \$130.00 for furnishing the search fee, the examination fee or the oath or declaration after the date of commencement of the national phase (37 CFR 1.492(h)).				\$	
APPLICATION SIZE FEE					
Total pages	- 100 =	÷ 50	= †	x 250 =	\$
†round up to next integer					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
TOTAL CLAIMS	117 - 20	= 97	x 50.00 =	\$4,850.00	
INDEPENDENT CLAIMS	10 - 3	= 7	x 200.00 =	\$1,400.00	
MULTIPLE DEPENDENT CLAIM(S)(if applicable)			+ 360.00 =	\$	
TOTAL OF ABOVE CALCULATIONS =				\$6,250.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$6,250.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$130.00	
TOTAL NATIONAL FEE =				\$6,380.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
TOTAL FEES ENCLOSED =				\$6,380.00	
				Amount to be refunded:	\$
				charged:	\$
a. <input checked="" type="checkbox"/> Check No. 193239 in the amount of \$6,380.00 to cover the above fees is attached to the Response to Notification of Missing Requirements. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>15-0461</u> . d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a)(2)(b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: OLIFF & BERRIDGE, PLC Customer Number: 25944			<div style="text-align: right;"> 4850.00 OP 1400.00 OP 130.00 OP </div> <div style="text-align: center;">  NAME: Mario A. Costantino REGISTRATION NUMBER: 33,565 </div> <div style="text-align: center;"> NAME: John A. Radi REGISTRATION NUMBER: 59,345 </div>		
Date <u>June 1, 2007</u>					

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Yasuhiro OMURA

Attn: **Mail Stop PCT**

Application No.: 10/587,254

Docket No.: 128834

Filed: July 26, 2006

For: OPTICAL SYSTEM, EXPOSURE SYSTEM, AND EXPOSURE METHOD

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS
UNDER 35 U.S.C 371 IN THE UNITED STATES DESIGNATED/
ELECTED OFFICE (DO/EO/US) WITH
TRANSLATION OF THE APPLICATION AND REPLACEMENT DRAWINGS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C 371 in the United States Designated/Elected Office (DO/EO/US) (copy attached) mailed on April 2, 2007, submitted herewith is, upon information and belief, an accurate translation of the application. Any specification attached to and referenced in the Declaration is a copy of the specification and any amendments thereto which were filed in the Office in order to obtain a filing date for the application.

	(Column 1)	(Column 2)	(Column 3)	SMALL ENTITY			OTHER THAN A SMALL ENTITY	
	CLAIMS REMAINING AFTER TRANSLATION AND ANY PRELIMINARY AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD'L FEE	OR	RATE	ADD'L FEE
TOTAL CLAIMS	*117 MINUS	**20	=97	x 25 =	\$		x 50 =	\$4,850
INDEP CLAIMS	*10 MINUS	***3	=7	x 100 =	\$		x200 =	\$1,400
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+ 180 =	\$	OR	+360 =	\$
					\$			\$6,250

†round up to next integer

- * If the entry in Column 1 is less than the entry in Column 2, write "0" in Column 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" in this space (Total or Independent) is the highest number found from the equivalent box in Column 1 of a prior Amendment or the number of claims originally filed.

Attached is our Check No. 193239 for ☒\$6,380.00 for the fee under 37 C.F.R. §1.492(i) and any excess claim fees noted above.

Also submitted herewith are 29 sheets of formal drawings (Figs. 1-29) in compliance with 37 C.F.R. 1.84.

Entry of these documents should complete all of the filing formalities and fully satisfy all requirements of the Notification of Missing Requirements. Accordingly, prompt issuance of a Notification of Acceptance and Official Filing Receipt, and prompt examination and allowance of this application are respectfully solicited.

The Commissioner is hereby authorized to charge any additional fee (or credit any overpayment) associated with this communication to Deposit Account No. 15-0461.

Respectfully submitted,



Mario A. Costantino
Registration No. 33,565

John A. Radi
Registration No. 59,345

MAC:JAR/abs

Date: June 1, 2007

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
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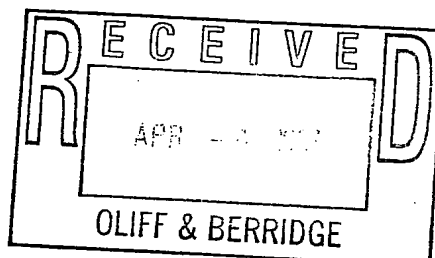


UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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www.uspto.gov

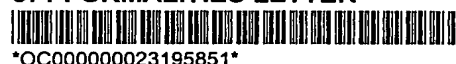
U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/587,254	Yasuhiro Omura	128834

25944
OLIFF & BERRIDGE, PLC
P.O. BOX 19928
ALEXANDRIA, VA 22320



INTERNATIONAL APPLICATION NO.	
PCT/JP05/00406	
LA. FILING DATE	PRIORITY DATE
01/14/2005	01/27/2004

CONFIRMATION NO. 4781
371 FORMALITIES LETTER



OC000000023195851

MISSING PARTS

Date Mailed: 04/02/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 07/26/2006
- Copy of the International Search Report filed on 07/26/2006
- Oath or Declaration filed on 07/26/2006
- U.S. Basic National Fees filed on 07/26/2006
- Assignment filed on 07/26/2006
- Assignee Statement for PGPUB filed on 07/26/2006
- Priority Documents filed on 07/26/2006
- Power of Attorney filed on 07/26/2006

DUE DATE

JUN - 2 2007

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. Note a processing fee will be required if submitted later than 30 months from the priority date.
- Processing fee of \$130 for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(i)).

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 for English translation surcharge required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE

DOCKETED
By CMT on 4/4 2007
and
By Fmp on 4/4 2007
Oliff & Berridge

DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

VONDA M WALLACE

Telephone: (703) 308-9140 EXT 225

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/587,254	PCT/JP05/00406	128834